

*East West Search 3/5/02*

L Number	Hits	Search Text	DB	Time stamp
1	948	427/220 523/524 521/920 152/158 ccls	USPAT EPO, JPO DERWENT	2002/03/05 10 20
2	2546	523/3\$2 ccls	USPAT EPO, JPO DERWENT	2002/03/05 10 20
3	3492	427/220.523/524.521/920.152/158 ccls. 523/3\$2 ccls	USPAT EPO, JPO DERWENT	2002/03/05 10 20
4	90	(427/220.523/524.521/920.152/158 ccls. 523/3\$2 ccls.) & ((silica near5 filler) & bis(alkoxyalkyl)polysulfide)	USPAT EPO, JPO DERWENT	2002/03/05 10 21
5	16	((427/220.523/524.521/920.152/158 ccls. 523/3\$2 ccls.) & ((silica near5 filler) & bis(alkoxyalkyl)polysulfide)) & (allylimethyldichlorosilane methylphenyldichlorosilane phenylethyldiethoxysilane trifluoropropylmethyldichlorosilane trimethylbutoxysilane diphenyltetramethyldisiloxane trivinyltrimethylcyclotrisiloxane octamethylcyclotetrasiloxane hexaethyldisiloxane pentylmethyldichlorosilane divinyl dipropoxysilane vinyl dimethylchlorosilane vinylmethyl dichlorosilane vinyl dimethylmethoxysilane trimethylchlorosilane trimethylmethoxysilane methyltrichlorosilane methyltrimethoxysilane methyl triethoxysilane hexamethylsilazane hexenylmethylchlorosilane hexenyl dimethylchlorosilane dimethyl dichlorosilane dimethyl dimethoxysilane dimethyl diethoxysilane hexamethylsilazane trivinyl trimethylcyclotrisiloxane polydimethylcyclosiloxanes tetraalkoxy adj titanates methyl adj triethoxy adj titanium methyl adj titanium adj tributoxide butyl adj titanium adj triethoxide butyl adj titan um adj tributoxide phenyl adj titanium adj tributoxide phenyl adj zirconium adj trichloride methyl adj zirconium adj trichloride ethyl adj zirconium adj trichloride propyl adj zirconium adj trichloride methyl adj zirconium adj tribromide chlorotripentyl adj zirconium)	USPAT EPO, JPO DERWENT	2002/03/05 10 23
6	144	(427/220.523/524.521/920.152/158 ccls. 523/3\$2 ccls.) & ((rubber tire) & (silica same filler))	USPAT EPO, JPO DERWENT	2002/03/05 10 23

7	30	((427/220.523/524.521/920.152/158 ccls 523/3\$2 ccls ) & ((rubber tire; & (silica same filler))) & (allylmethylidichlorosilane methylphenyldichlorosilane phenylethyldiethoxysilane trifluoropropylmethyldichlorosilane trimethylbutoxysilane diphenyltetramethyldisiloxane trivinyltrimethylcyclotrisiloxane octamethylcyclotetrasiloxane hexamethyldisiloxane pentylmethylidichlorosilane divinylpropoxysilane vinyldimethylchlorosilane vinylmethylidichlorosilane vinyldimethylmethoxysilane trimethylchlorosilane trimethylmethoxysilane trimethyllethoxysilane methyltrichlorosilane methyltrimethoxysilane methyltriethoxysilane hexamethyldisiloxane hexenylmethylidichlorosilane hexenylmethylchlorosilane dimethylidichlorosilane dimethylidimethoxysilane dimethylidethoxysilane hexamethyldisilazane trivinyltrimethylcyclotrisilazane polydimethylcyclosiloxanes tetraalkoxy adj titanates methyl adj triethoxy adj titanium methyl adj titanium adj tributoxide butyl adj titanium adj triethoxide butyl adj titanium adj tributoxide phenyl adj titanium adj triisopropoxide phenyl adj titanium adj tributoxide phenyl adj zirconium adj trichloride methyl adj zirconium adj trichloride ethyl adj zirconium adj trichloride propyl adj zirconium adj trichloride methyl adj zirconium adj tribromide chlorotriptyl adj zirconium)	USPAT, EPO, JPO, DERWENT	2002/03/05 10 23
8	19	((427/220.523/524.521/920.152/158 ccls 523/3\$2 ccls ) & ((rubber tire) & (silica same filler))) & (allylmethylidichlorosilane methylphenyldichlorosilane phenylethyldiethoxysilane trifluoropropylmethyldichlorosilane trimethylbutoxysilane diphenyltetramethyldisiloxane trivinyltrimethylcyclotrisiloxane octamethylcyclotetrasiloxane hexamethyldisiloxane pentylmethylidichlorosilane divinylpropoxysilane vinyldimethylchlorosilane vinylmethylidichlorosilane vinyldimethylmethoxysilane trimethylchlorosilane trimethylmethoxysilane trimethyllethoxysilane methyltrichlorosilane methyltrimethoxysilane methyltriethoxysilane hexamethyldisiloxane hexenylmethylidichlorosilane hexenylmethylchlorosilane dimethylidichlorosilane dimethylidimethoxysilane dimethylidethoxysilane hexamethyldisilazane trivinyltrimethylcyclotrisilazane polydimethylcyclosiloxanes tetraalkoxy adj titanates methyl adj triethoxy adj titanium methyl adj titanium adj tributoxide butyl adj titanium adj triethoxide butyl adj titanium adj tributoxide phenyl adj titanium adj triisopropoxide phenyl adj titanium adj tributoxide phenyl adj zirconium adj trichloride methyl adj zirconium adj trichloride ethyl adj zirconium adj trichloride propyl adj zirconium adj trichloride methyl adj zirconium adj tribromide chlorotriptyl adj zirconium) not ((427/220.523/524.521/920.152/158 ccls 523/3\$2 ccls ) & ((silica near5 filler) & bis(alkoxydimethyl)polysulfide))	USPAT, EPO, JPO, DERWENT	2002/03/05 10 24
-	943	427/220.523/524.521/920.152/158 ccls	USPAT, EPO, JPO, DERWENT	2002/03/05 10 20
-	2537	523/3\$2 ccls	USPAT, EPO, JPO, DERWENT	2002/03/05 10 20
-	3478	427/220.523/524.521/920.152/158 ccls 523/3\$2 ccls	USPAT, EPO, JPO, DERWENT	2002/03/05 10 20
-	21	("4530959" "4616065" "4748199" "4866131" "4894420" "4925894" "5082901" "5162409") pn	USPAT, EPO, JPO, DERWENT	2002/01/14 10 08

86	((427/220 523/524,521/920,152/158 ccls 523/3\$2 ccls ) & ((silica near5 filler) & bis(alkoxyalkyl)polysulfide)	USPAT EPO, JPO DERWENT	2002/03/05 10 21
15	((427/220,523/524,521/920,152/158 ccls 523/3\$2 ccls ) & ((silica near5 filler) & bis(alkoxyalkyl)polysulfide)) & (allylmethyldichlorosilane methylphenyldichlorosilane phenylethyldiethoxysilane trifluoropropylmethyldichlorosilane trimethylbutoxydisilane diphenyltetramethyldisiloxane trimethyltrimethylcyclotrisiloxane octamethylcyclotetrasiloxane hexamethyldisiloxane pentylmethylidichlorosilane divinylidipropoxysilane vinylidimethylchlorosilane vinylmethylchlorosilane trimethylmethoxysilane trimethylchlorosilane trimethylmethoxydisiloxane methyltrichlorosilane methyltriethoxysilane hexamethyldisiloxane hexenylmethylidichlorosilane deimethylchlorosilane dimethylidichlorosilane dimethylidimethoxysilane dimethylidiehtoxysilane hexamethyldisilazane trimethyltrimethylcyclotrisilazane polydimethylcyclosiloxanes tetraalkoxy adj titanates methyl adj triethoxy adj titanium metally adj zirconium adj tributoxide butyl adj titanium adj triethoxide butyl adj titanium adj tributoxide phenyl adj titanium adj trisopropoxide phenyl adj titanium adj tributoxide phenyl adj zirconium adj trichloride methyl adj zirconium adj trichloride ethyl adj zirconium adj trichloride propyl adj zirconium adj trichloride methyl adj zirconium adj tribromide chlorotripentyl adj zirconium)	USPAT EPO, JPO DERWENT	2002/03/05 10 21
140	((427/220,523/524,521/920,152/158 ccls 523/3\$2 ccls ) & ((rubber tire) & (silica same filler))	USPAT EPO, JPO DERWENT	2002/03/05 10 21
0	((427/220,523/524,521/920,152/158 ccls 523/3\$2 ccls ) & ((rubber tire) & (silica same filler))) & ("bis(alkoxyalkyl)polysulfide" "bis(triethoxyalkylpropyl)tetrasulfide" "bis(trimethoxyalkylpropyl)tetrasulfide" "bis(trimethoxyethyl)tetrasulfide" "bis(trimethoxypropyl)tetrasulfide" "bis(trimethoxypropyl)trisulfide" "bis(trimethoxypropyl)disulfide" "bis(trimethoxypropyl)hexasulfide" "bis(trimethoxypropyl)tetrasulfide")	USPAT EPO, JPO DERWENT	2002/01/14 11 04
0	((427/220,523/524,521/920,152/158 ccls 523/3\$2 ccls ) & ((rubber tire) & (silica same filler))) & (bisalkoxyalkylpolysulfide bistriethoxyalkylpropyltetrasulfide bistrimethoxyalkylpropyltetrasulfide bistrimethoxyalkylethyltetrasulfide bistrimethoxyalkylpropyltrisulfide bistrimethoxyalkylpropylhexasulfide bistrimethoxyalkylpropyltetrasulfide)	USPAT EPO, JPO DERWENT	2002/01/14 11 06

28 ((427/220.523/524.521/920.152/158 ccls. 523/3\$2 ccls ) &  
((rubber tire) & (silica same filler)) &  
(allylmethylidchlorosilane methylphenyldichlorosilane  
phenylethylidethoxysilane trifluoropropylmethyldichlorosilane  
trimethylbutoxysilane diphenyltetramethyldisiloxane  
trivinyltrimethylcyclotrisiloxane octamethylcyclotetrasiloxane  
hexaethyldisiloxane pentylmethyldichlorosilane  
divinylpropoxysilane vinyldimethylchlorosilane  
vinylmethyldichlorosilane vinyldimethylmethoxysilane  
trimethylchlorosilane trimethylmethoxysilane  
trimethylmethoxy silane methyltrichlorosilane  
methyltrimethoxysilane methyltriethoxysilane  
hexamethyldisiloxane hexenylmethyldichlorosilane  
hexenyl dimethylchlorosilane deimethylchlorosilane  
dimethylidchlorosilane dimethylidmethoxysilane  
dimethylidethoxysilane hexamethyldisilazane  
trivinyltrimethylcyclotrisilazane polydimethylcyclosiloxanes  
tetraalkoxy adj titanates methyl adj triethoxy adj titanium  
methyl adj titanium adj tributoxide butyl adj titanium adj  
triethoxide butyl adj titanium adj tributoxide phenyl adj  
titantium adj triisopropoxide phenyl adj titanium adj tributoxide  
phenyl adj zirconium adj trichloride methyl adj zirconium adj  
trichloride ethyl adj zirconium adj trichloride propyl adj  
zirconium adj trichloride methyl adj zirconium adj tribromide  
chlorotripentyl adj zirconium)

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EPO JPO  
DERWENT

2002/03/05 10:22

18 (((427/220.523/524.521/920.152/158 ccls. 523/3\$2 ccls.) &  
((rubber tire) & (silica same filler))) &  
(allylmethyldichlorosilane methylphenyldichlorosilane  
phenylethyldiethoxy silane trifluoropropylmethyldichlorosilane  
trimethylbutoxy silane diphenyltetramethyldisiloxane  
trivinyltrimethylcyclotrisiloxane octamethylcyclotetrasiloxane  
hexaethyldisiloxane pentylmethyldichlorosilane  
divinylidipropoxy silane vinylidimethylchlorosilane  
vinylmethyldichlorosilane vinyldimethylmethoxy silane  
trimethylchlorosilane trimethylmethoxysilane  
trimethylmethoxy silane methyltrichlorosilane  
methyltrimethoxysilane methyltriethoxy silane  
hexamethyldisiloxane hexenylmethyldichlorosilane  
hexenylidimethylchlorosilane deimethylchlorosilane  
dimethylidichlorosilane dimethylidimethoxy silane  
dimethylidethoxy silane hexamethyldilazane  
trivinyltrimethylcyclotrisilazane polydimethylcyclosiloxanes  
tetraalkoxy adj titanates methyl adj triethoxy adj titanium  
methyl adj titanium adj tributoxide butyl adj titanium adj  
triethoxyide butyl adj titanium adj tributoxide phenyl adj  
titantium adj triisopropoxide phenyl adj titanium adj tributoxide  
phenyl adj zirconium adj trichloride methyl adj zirconium adj  
trichloride ethyl adj zirconium adj trichloride propyl adj  
zirconium adj trichloride methyl adj zirconium adj tribromide  
chlorotriptyl adj zirconium)) not  
(((427/220.523/524.521/920.152/158 ccls. 523/3\$2 ccls.) &  
((silica near5 filler) & bis(alkoxysilylalkyl)polysulfide)) &  
(allylmethyldichlorosilane methylphenyldichlorosilane  
phenylethyldiethoxysilane trifluoropropylmethyldichlorosilane  
trimethylbutoxy silane diphenyltetramethyldisiloxane  
trivinyltrimethylcyclotrisiloxane octamethylcyclotetrasiloxane  
hexaethyldisiloxane pentylmethyldichlorosilane  
divinylidipropoxy silane vinylidimethylchlorosilane  
vinylmethyldichlorosilane vinyldimethylmethoxysilane  
trimethylchlorosilane trimethylmethoxysilane  
trimethylmethoxy silane methyltrichlorosilane  
methyltrimethoxysilane methyltriethoxysilane  
hexamethyldisiloxane hexenylmethyldichlorosilane  
hexenylidimethylchlorosilane deimethylchlorosilane  
dimethylidichlorosilane dimethylidimethoxy silane  
dimethylidethoxy silane hexamethyldilazane  
trivinyltrimethylcyclotrisilazane polydimethylcyclosiloxanes  
tetraalkoxy adj titanates methyl adj triethoxy adj titanium  
methyl adj titanium adj tributoxide butyl adj titanium adj  
triethoxyide butyl adj titanium adj tributoxide phenyl adj  
titantium adj triisopropoxide phenyl adj titanium adj tributoxide  
phenyl adj zirconium adj trichloride methyl adj zirconium adj  
trichloride ethyl adj zirconium adj trichloride propyl adj  
zirconium adj trichloride methyl adj zirconium adj tribromide  
chlorotriptyl adj zirconium))

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2002/03/05 10 24